

Jacobs Engine Brake Model 465A

For the **CUMMINS ISX12 Engine**

As new engine platforms are developed, Jacobs Engineers provide innovative braking solutions. When Cummins looked to leverage the ISX12 engine into both a diesel and natural gas version, Jacobs met that challenge with a common brake design to fit both. The model 465A Engine Brake is low profile and light weight, but packs all the high retarding performance you expect from Jacobs.

FEATURES

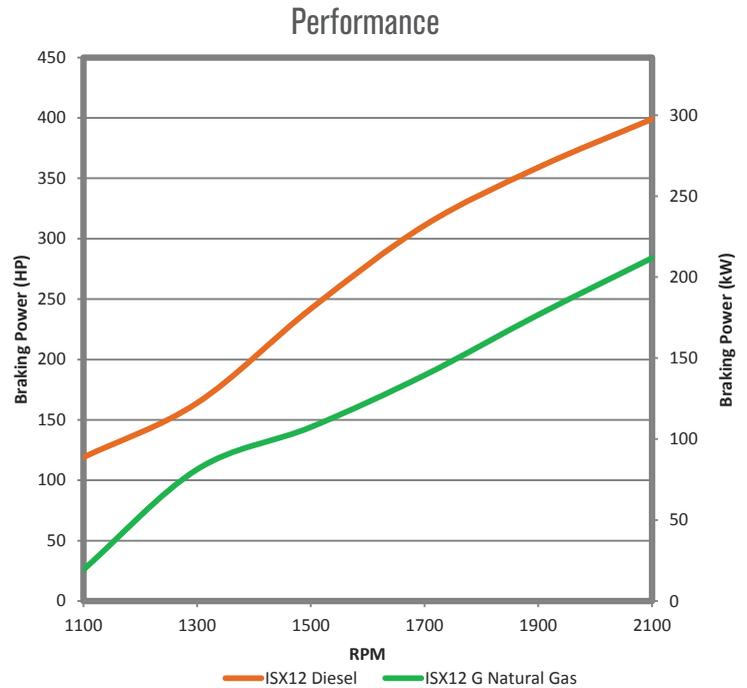
- Jacobs trademark Jake Brake®
- Matches Engine base standard warranty
- Three stage engine brake operation, low/med/high
- Certified and approved by the engine manufacturer
- Fully integrated with engine electronic controls
- Integrated with vehicle ABS for greater driver control
- Factory installed
- Quieter performing brake
- Corrosion Protection to withstand condensation in natural gas applications



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Performance Information

RPM	HP	KW	Torque (ft-lbs)
ISX12 G Natural Gas			
1100	26	19	124
1300	109	81	440
1500	144	107	504
1700	187	139	578
1900	237	177	655
2100	284	212	710
ISX12 Diesel			
1100	119	89	568
1300	164	122	663
1500	242	180	847
1700	311	232	961
1900	359	268	992
2100	399	298	998



Technical Specifications

Height	3.0"	77 mm
Length	15.6"	397 mm
Width	5.9"	150 mm

Kit Added Weight	16.8 lbs.	7.6 kg.
Housings Per Engine	2	
Lash Setting	0.134"	3.4 mm

Serviceable Part Numbers

	Diesel & Natural Gas 465A
Type II Solenoid	3686406
Front Housing	4330249
Rear Housing	4330250
Crosshead	2883286
Aftermarket Base Kit	4309432
Tune-Up Kit	4376508

Engine Brake Warranty

Will match the basic warranty mutually agreed by Jacobs and the engine manufacturer up to the maximum of 2 years or 250,000 miles (400,000 km), whichever comes first.

ALL claims for warranty are submitted through Cummins and will be subject to the limitations of the agreement.